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OISHI, Michio

<120> LIGATION OF DOUBLE-STRANDED DNAS

<130> 032735-003

<140> US 09/607,361

<141> 2000-06-30

<150> JP 11-189211

<151> 1999-07-02

<160> 14

<170> PatentIn Ver. 2.0

<210> 1

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthesized by referring
to the random sequence 13mer that does not contain T,
and the following sequence of one end of the exon 11 region
of p53 gene within the human genomic DNA

<400> 1

gacgacgaca agacacctga agtccaaaaa gggtcagtc

39

<210> 2

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthesized by referring
to the random sequence 14mer that does not contain T, and the
following sequence of one end of the exon 11 region of p53 gene
within the human genomic DNA

<400> 2

gaggagaagc ccggtggcag caaagtttta ttgtaaaata

40

<210> 3

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthesized by

referring to the sequence of one end of the exon
11 region of p53 gene within the human genomic DNA

<400> 3
cacctgaagt ccaaaaaggg tcagtc

26

<210> 4
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:synthesized by
referring to the sequence of one end of the exon
11 region of p53 gene within the human genomic DNA

<400> 4
tggcagcaaa gttttattgt aaaata

26

<210> 5
<211> 60
<212> DNA
<213> Artificial Sequence

C/ out
<220>
<223> Description of Artificial Sequence:synthesized by
referring to the nucleotide sequence in the
proximity of SnaBI recognition site of M13mp18RF

<400> 5
agaggctttg aggactaaag actttttcat gaggaagttt ccattaaacg ggtaaaatac 60

<210> 6
<211> 60
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:synthesized by
referring to the nucleotide sequence in the
proximity of SnaBI recognition site of M13mp18RF

<400> 6
gtattttacc cgtttaatgg aaacttcctc atgaaaaagt cttagtcct caaagcctct 60

<210> 7
<211> 60
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:synthesized by
referring to the nucleotide sequence in the
proximity of ScaI recognition site of pBR322

<400> 7
cactgcataa ttctcttact gtcatgccat ccgtaagatg cttttctgtg actggtgagt 60

<210> 8

<211> 60

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthesized by
referring to the nucleotide sequence in the
proximity of SnaBI recognition site of M13mp18RF

<400> 8

tgtttttagtg tattctttcg cctctttcgt tttaggttgg tgccttcgta gtggcattac 60

<210> 9

<211> 60

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthesized by
referring to the nucleotide sequence in the
proximity of SnaBI recognition site of M13mp18RF

<400> 9

gtaatgccac tacgaaggca ccaacctaaa acgaaagagg cgaaagaata cactaaaaca 60

<210> 10

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthesized by
referring to the end sequence of DNA obtained by
cleaving M13mp18RF with SnaBI

<400> 10

actttttcat gaggaagttt ccattaaacg ggtaaaatac 40

<210> 11

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of double stranded sequence (DNA 1)recited in Figure 1.

<400> 11

ctagtatcgg acgacgacaa gat 23

<210> 12
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of double stranded sequence (DNA 2) recited in Figure 1. The sequence from nucleotide numbers 15 to 23 is double stranded.

<400> 12
gacgacgaca agatgatcat gat 23

<210> 13
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of double stranded sequence (DNA (1+2)) recited in Figure 1.

<400> 13
ctagtatcgg acgacgacaa gatgatcatg at 32

<210> 14
<211> 10
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of double stranded sequence recited in Figure 2.

<400> 14
aaaaaaaaaa 10
